

FORM PTO-1449

**CORRECTED
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number	47406-012600
Application Number	10/040,118
Filing Date	January 3, 2002
Applicant(s)	Bruce W. Lee, et al.
Group Art Unit	1732
Examiner Name	Angela Ortiz

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AO	3,601,523	08/24/71	Arndt	—	—	
	4,106,187	08/15/78	Smith, et al.	—	—	
	4,283,243	08/11/81	Andreades, et al.	—	—	
	4,350,570	11/23/82	Maisotsenko, et al.	—	—	
	4,622,239	11/11/86	Schoenthaler, et al.	—	—	
	4,700,474	10/20/87	Choinski	—	—	
	4,777,721	10/18/88	Choinski	—	—	
	4,783,247	11/08/88	Seibel	—	—	
	4,884,337	12/05/89	Choinski	—	—	
	4,945,313	07/31/90	Brilka, et al.	—	—	
	4,964,948	10/23/90	Reed	—	—	
	4,995,941	02/26/91	Nelson, et al.	—	—	
	5,053,921	10/01/91	Nelson, et al.	—	—	
	5,058,265	10/22/91	Goldfarb	—	—	
	5,117,069	05/26/92	Higgins, III	—	—	
	5,133,120	07/28/92	Kawakami, et al.	—	—	
	5,145,691	09/08/92	Kawakami, et al.	—	—	
	5,220,723	06/22/93	Okada	—	—	
	5,274,916	01/04/94	Kawabata, et al.	—	—	
	5,277,854	01/11/94	Hunt	—	—	
	5,332,439	07/26/94	Watanabe, et al.	—	—	
	5,451,721	09/19/95	Tsukada, et al.	—	—	
	5,456,004	10/10/95	Swamy	—	—	
	5,471,091	11/28/95	Pasch, et al.	—	—	
	5,532,516	07/02/96	Pasch, et al.	—	—	
	5,540,779	07/30/96	Andris, et al.	—	—	
AO	5,578,151	11/26/96	Andris, et al.	—	—	

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AD	5,591,353	01/07/97	Davignon, et al.	—	—	
	5,610,103	03/11/97	Xu, et al.	—	—	
	5,637,834	06/10/97	La Bate, Jr., et al.	—	—	
	5,662,987	09/02/97	Mizumoto, et al.	—	—	
	5,699,613	12/23/97	Chong, et al.	—	—	
	5,707,575	01/13/98	Litt, et al.	—	—	
	5,744,285	04/28/98	Felten, et al.	—	—	
	5,744,171	04/28/98	Schneider	—	—	
	5,753,976	05/19/98	Harvey	—	—	
	5,753,976	05/19/98	Harvey	—	—	
	5,761,803	06/09/98	St. John, et al.	—	—	
	5,766,670	06/16/98	Arlidt, et al.	—	—	
	5,822,856	10/20/98	Bhatt, et al.	—	—	
	5,824,155	10/20/98	Ha, et al.	—	—	
	5,851,344	12/22/98	Xu, et al.	—	—	
	5,906,042	05/25/99	Lan, et al.	—	—	
	5,925,414	07/20/99	Buechele, et al.	—	—	
	5,994,779	11/30/99	Gardner, et al.	—	—	
	6,000,129	12/14/99	Bhatt, et al.	—	—	
	6,009,620	01/04/00	Bhatt, et al.	—	—	
	6,015,520	01/18/00	Appelt, et al.	—	—	
	6,079,100	06/27/00	Farquhar, et al.	—	—	
	6,090,474	07/18/00	Johansson, et al.	—	—	
	6,106,891	08/22/00	Kulesza, et al.	—	—	
	6,138,350	10/31/00	Bhatt, et al.	—	—	
▼	6,149,857	11/21/00	McArdle, et al.	—	—	
AD	6,153,508	11/28/00	Harvey	—	—	

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	Examiner Name	Angela Ortiz

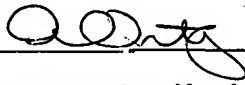
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AO	6,184,133	02/06/01	Iijima, et al.	—	—	
	6,261,501	07/17/01	Miyagawa, et al.	—	—	
	6,276,055	08/21/01	Bryan, et al.	—	—	
	6,281,448	08/28/01	Tsukamoto	—	—	
AO	6,282,782	09/04/01	Biunno, et al.	—	—	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AO	JP54139065	10/29/79	Japan	—	—		
	JP58011172	01/21/83	Japan	—	—		
	GB2120017	11/23/83	Great Britain	—	—		
	EP0194247	09/10/86	EPO	—	—		
	WO8606243	10/23/86	WIPO	—	—		
	JP62277794	12/02/87	Japan	—	—		
	JP62287696	12/14/87	Japan	—	—		
	JP1173696	07/10/89	Japan	—	—		
	JP1236694	09/21/89	Japan	—	—		
	JP3004595	01/10/91	Japan	—	—		
	GB2246912	02/12/92	Great Britain	—	—		
	JP4186792	07/03/92	Japan	—	—		
	JP4239193	08/27/92	Japan	—	—		
	FR2684836	06/11/93	France	—	—		
	JP5275819	10/22/93	Japan	—	—		
	JP5310487	11/22/93	Japan	—	—		
	FR2714567	06/30/95	France	—	—		
	JP7176871	07/14/95	Japan	—	—		
AO	EP0713358	05/22/96	EPO	—	—		

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						YES	NO
AO	JP8172265	07/02/96	Japan	—	—		
	JP8191184	07/23/96	Japan	—	—		
	EP0723388	07/24/96	EPO	—	—		
	JP9083135	03/28/97	Japan	—	—		
	JP9321399	12/12/97	Japan	—	—		
	JP10065339	03/06/98	Japan	—	—		
	JP10256687	09/25/98	Japan	—	—		
	JP11054909	02/26/99	Japan	—	—		
	WO0013474	03/09/00	WIPO	H05K3	00, 46		
AO	GB2341347	03/15/00	Great Britain	—	—		

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AO	Via Etching Process, February 1972
AO	Multilayer printed Circuit Board Connections, April 1996
AO	Process for Forming Copper Clad Vias, August 1989

EXAMINER SIGNATURE		DATE CONSIDERED	3/2005
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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